Vague Places Generator

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Implement write_report to file

Member vagueplaces.gen_heatmap

gen_heatmap is not implemented

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Generates the convex hull of a latlon list of tuples [(lat0,lon0),(lat1,lon1),...(latN,lonN)].

- def alpha_shape

  External system execution of alpha_shaper to generate a WKT alpha shape file.

5.4.1 Function Documentation

5.4.1.1 def geom_functions.alpha_shape (*cgalfile, alpha*)

External system execution of alpha_shaper to generate a WKT alpha shape file.

Expects a CGAL file with lon lat corrdinates and the first line an integer of the total number of lines to read

Definition at line 19 of file geom_functions.py.

5.4.1.2 def geom_functions.convex_hull (*latlon_list*)

Generates the convex hull of a latlon list of tuples [(lat0,lon0),(lat1,lon1),...(latN,lonN)].

Definition at line 10 of file geom_functions.py.

5.5 vagueplaces Namespace Reference

Functions

- def european_countries

  Retrieve an europe country list from DBpedia with URIs.
- def get_points

  Retrieve a list of points from DBpedia matching the input.
- def gen_heatmap
- def gen_convex_hull

  Generate the convex hull for the report.
- def gen_alpha_shape

  External system execution of alpha_shaper to generate a WKT alpha shape file.
- def finish_program
- def write_file_cgal

  Writes a file to be read by cgal alpha_shape generator.
- def write_file_csv

  Writes a CSV file to be opened by a GIS software.
- def write_file

  Write a file (fileh) with the format (wf).
- def kill_handler

Variables

- tuple parser = argparse.ArgumentParser(description='CSV generation with name;point;country querying dbpedia')
- string help = 'List of keywords to filter from the Abstract results. Interpreted as Logical disjunction'
- string dest = 'live_bool'
- tuple arguments = parser.parse_args()
- query_list = arguments.stringval
- OF = arguments.CSV_POINT_OUTPUT
- alpha = arguments.floatval
- isdebug = arguments.debug_bool
- islive = arguments.live_bool
- int RESULTS_QUERY = 500000
- list PLACES = [ ]
- tuple sparql = SPARQLWrapper("http://dbpedia-live.openlinksw.com/sparql")
- tuple S = cSpinner.cSpinner()
- tuple REPORT = cReport.cReport()
- list country_uri = country["place"]
- tuple country_name = country_uri.rpartition('/')
- int total_results = 0
- int offset = 0
- int query_results = 1
- tuple country_results = get_points(country_uri,query_list,offset,RESULTS_QUERY)
- list title = result["title"]
- list lat = result["geolat"]
- list lon = result["geolong"]
- country = country_name
- string abstract = ""
- tuple tmpfile = tempfile.NamedTemporaryFile(prefix='vagueplace',delete=False)

5.5.1 Function Documentation

5.5.1.1 def vagueplaces.european_countries ( )

Retrieve an europe country list from DBpedia with URIs.

Returns

List with country URIS

Definition at line 86 of file vagueplaces.py.

5.5.1.2 def vagueplaces.finish_program ( )

Definition at line 170 of file vagueplaces.py.

5.5.1.3 def vagueplaces.gen_alpha_shape (*cgalfile, alpha*)

External system execution of alpha_shaper to generate a WKT alpha shape file.

Expects a CGAL file with lon lat corrdinates and the first line an integer of the total number of lines to read

Definition at line 165 of file vagueplaces.py.

5.5.1.4 def vagueplaces.gen_convex_hull ( )

Generate the convex hull for the report.

Definition at line 151 of file vagueplaces.py.

5.5.1.5 def vagueplaces.gen_heatmap ( )

Todo gen_heatmap is not implemented

Definition at line 144 of file vagueplaces.py.

5.5.1.6 def vagueplaces.get_points (*country_uri, query_list, offset, limit*)

Retrieve a list of points from DBpedia matching the input.

Parameters

country_uri	country to query
query	substring to check in the Abstract
offset	Offset to start retrieving
limit	Limit of lines to retrieve

Returns

List with points with title,geolat,geolong

Definition at line 113 of file vagueplaces.py.

5.5.1.7 def vagueplaces.kill_handler (*signal, frame*)

Definition at line 212 of file vagueplaces.py.

5.5.1.8 def vagueplaces.write_file (*fileh, wf*)

Write a file (fileh) with the format (wf).

Accepting csv and cgal

Definition at line 199 of file vagueplaces.py.

5.5.1.9 def vagueplaces.write_file_cgal (*fileh*)

Writes a file to be read by cgal alpha_shape generator.

Definition at line 179 of file vagueplaces.py.

5.5.1.10 def vagueplaces.write_file_csv (*fileh*)

Writes a CSV file to be opened by a GIS software.

WKT

Definition at line 188 of file vagueplaces.py.

5.5.2 Variable Documentation

5.5.2.1 string vagueplaces::abstract = ""

Definition at line 242 of file vagueplaces.py.

5.5.2.2 vagueplaces::alpha = arguments.floatval

Definition at line 53 of file vagueplaces.py.

5.5.2.3 tuple vagueplaces::arguments = parser.parse_args()

Definition at line 43 of file vagueplaces.py.

5.5.2.4 vagueplaces::country = country_name

Definition at line 240 of file vagueplaces.py.

5.5.2.5 tuple vagueplaces::country_name = country_uri.rpartition('/')

Definition at line 225 of file vagueplaces.py.

5.5.2.6 tuple vagueplaces::country_results = get_points(country_uri,query_list,offset,RESULTS_QUERY)

Definition at line 234 of file vagueplaces.py.

5.5.2.7 list vagueplaces::country_uri = country["place"]

Definition at line 224 of file vagueplaces.py.

5.5.2.8 string **vagueplaces::dest** = 'live_bool'

Definition at line 36 of file vagueplaces.py.

5.5.2.9 string **vagueplaces::help** = 'List of keywords to filter from the Abstract results. Interpreted as Logical disjunction'

Definition at line 28 of file vagueplaces.py.

5.5.2.10 **vagueplaces::isdebug** = arguments.debug_bool

Definition at line 54 of file vagueplaces.py.

5.5.2.11 **vagueplaces::islive** = arguments.live_bool

Definition at line 55 of file vagueplaces.py.

5.5.2.12 list **vagueplaces::lat** = result["geolat"]

Definition at line 238 of file vagueplaces.py.

5.5.2.13 list **vagueplaces::lon** = result["geolong"]

Definition at line 239 of file vagueplaces.py.

5.5.2.14 **vagueplaces::OF** = arguments.CSV_POINT_OUTPUT

Definition at line 52 of file vagueplaces.py.

5.5.2.15 **vagueplaces::offset** = 0

Definition at line 227 of file vagueplaces.py.

5.5.2.16 tuple **vagueplaces::parser** = argparse.ArgumentParser(description='CSV generation with name;point;**country** querying dbpedia')

Definition at line 25 of file vagueplaces.py.

5.5.2.17 list **vagueplaces::PLACES** = [ ]

Definition at line 57 of file vagueplaces.py.

5.5.2.18 vagueplaces::query_list = arguments.stringval

Definition at line 51 of file vagueplaces.py.

5.5.2.19 tuple vagueplaces::query_results = 1

Definition at line 228 of file vagueplaces.py.

5.5.2.20 tuple vagueplaces::REPORT = cReport.cReport()

Definition at line 72 of file vagueplaces.py.

5.5.2.21 int vagueplaces::RESULTS_QUERY = 500000

Definition at line 56 of file vagueplaces.py.

5.5.2.22 tuple vagueplaces::S = cSpinner.cSpinner()

Definition at line 67 of file vagueplaces.py.

5.5.2.23 tuple vagueplaces::sparql = SPARQLWrapper(”http://dbpedia-live.openlinksw.com/sparql”)

Definition at line 62 of file vagueplaces.py.

5.5.2.24 list vagueplaces::title = result[”title”]

Definition at line 237 of file vagueplaces.py.

5.5.2.25 tuple vagueplaces::tmpfile = tempfile.NamedTemporaryFile(prefix=’vagueplace’,delete=False)

Definition at line 266 of file vagueplaces.py.

5.5.2.26 int vagueplaces::total_results = 0

Definition at line 226 of file vagueplaces.py.

Chapter 6

Class Documentation

6.1 cPlace::cPlace Class Reference

Class containing information of a place.

Public Member Functions

- def __init__

  Class constructor.

Public Attributes

- name
- lat
- lon
- text
- country

6.1.1 Detailed Description

Class containing information of a place.

Entity simply used as a container of information.

Definition at line 6 of file cPlace.py.

6.1.2 Constructor & Destructor Documentation

6.1.2.1 def cPlace::cPlace::__init__ (*self*, *name*, *lat*, *lon*, *abstract*, *country*)

Class constructor.

Parameters

name	
lat	
lon	
abstract	
country	

Definition at line 17 of file cPlace.py.

6.1.3 Member Data Documentation

6.1.3.1 cPlace::cPlace::country

Definition at line 17 of file cPlace.py.

6.1.3.2 cPlace::cPlace::lat

Definition at line 17 of file cPlace.py.

6.1.3.3 cPlace::cPlace::lon

Definition at line 17 of file cPlace.py.

6.1.3.4 cPlace::cPlace::name

Definition at line 17 of file cPlace.py.

6.1.3.5 cPlace::cPlace::text

Definition at line 17 of file cPlace.py.

The documentation for this class was generated from the following file:

- cPlace.py

6.2 cReport.cReport Class Reference

Report printing class.

Public Member Functions

- def set_country_count

  For a set of places, counts the places in each country.

- def print_report

  Prints the report to the standart output.
- def write_report
- def set_alphas

  Sets the report alpha values.
- def set_wkt_ashape

  sets the WKT for the alpha shape
- def set_wkt_chull

  sets the WKT for the convex hull
- def set_query
- def set_points_filename

  Sets the path to the points file.
- def set_live

  sets if DBpedia live is the used DBpedia version

6.2.1 Detailed Description

Report printing class.

Class to record information about the execution and finally print it.

Definition at line 8 of file cReport.py.

6.2.2 Member Function Documentation

6.2.2.1 def cReport.cReport.print_report (*self*)

Prints the report to the standart output.

Definition at line 39 of file cReport.py.

6.2.2.2 def cReport.cReport.set_alphas (*self, alpha, optalpha*)

Sets the report alpha values.

Parameters

alpha	used alpha
optalpha	Optimal alpha

Definition at line 99 of file cReport.py.

6.2.2.3 def cReport.cReport.set_country_count (*self, places*)

For a set of places, counts the places in each country.

Definition at line 25 of file cReport.py.

6.2.2.4 def **cReport.cReport.set_live** (*self*, *live*)

sets if DBpedia live is the used DBpedia version

Parameters

live	Boolean

Definition at line 133 of file cReport.py.

6.2.2.5 def **cReport.cReport.set_points_filename** (*self*, *ofile*)

Sets the path to the points file.

Parameters

ofile	String path

Definition at line 125 of file cReport.py.

6.2.2.6 def **cReport.cReport.set_query** (*self*, *query*)

Definition at line 117 of file cReport.py.

6.2.2.7 def **cReport.cReport.set_wkt_ashape** (*self*, *wkt*)

sets the WKT for the alpha shape

Definition at line 107 of file cReport.py.

6.2.2.8 def **cReport.cReport.set_wkt_chull** (*self*, *wkt*)

sets the WKT for the convex hull

Definition at line 114 of file cReport.py.

6.2.2.9 def **cReport.cReport.write_report** (*self*, *fileh*)

Todo Implement write_report to file

Definition at line 90 of file cReport.py.

The documentation for this class was generated from the following file:

- cReport.py

6.3 cSpinner.cSpinner Class Reference

Print information in the same line, giving feedback to the user.

Public Member Functions

- def run

  Start the thread.
- def set_msg

  Set the extra message to print.
- def stop

  Stop the print thread.
- def pause

  Pause the print thread.
- def unpause

  continue the print thread.

Public Attributes

- msg

Static Public Attributes

- list chars = ["\\","|","/","-"]
- int index = 0
- keeprunning = True
- paused = False;
- string msg = ""

6.3.1 Detailed Description

Print information in the same line, giving feedback to the user.

Prints a spinning text on the screen. Additional text may be attached as extra information. Extends the Thread class

Definition at line 10 of file cSpinner.py.

6.3.2 Member Function Documentation

6.3.2.1 def cSpinner.cSpinner.pause (*self*)

Pause the print thread.

Definition at line 55 of file cSpinner.py.

6.3.2.2 def cSpinner.cSpinner.run (*self*)

Start the thread.

Definition at line 22 of file cSpinner.py.

6.3.2.3 def cSpinner.cSpinner.set_msg (*self*, *text*)

Set the extra message to print.

Parameters

text	String to print

Definition at line 33 of file cSpinner.py.

6.3.2.4 def cSpinner.cSpinner.stop (*self*)

Stop the print thread.

Definition at line 48 of file cSpinner.py.

6.3.2.5 def cSpinner.cSpinner.unpause (*self*)

continue the print thread.

Definition at line 62 of file cSpinner.py.

6.3.3 Member Data Documentation

6.3.3.1 list cSpinner.cSpinner::chars = ["\\","|","/","-"] [static]

Definition at line 11 of file cSpinner.py.

6.3.3.2 int cSpinner.cSpinner::index = 0 [static]

Definition at line 12 of file cSpinner.py.

6.3.3.3 cSpinner.cSpinner::keeprunning = True [static]

Definition at line 13 of file cSpinner.py.

6.3.3.4 string cSpinner.cSpinner::msg = "" [static]

Definition at line 15 of file cSpinner.py.

6.3.3.5 cSpinner.cSpinner::msg

Definition at line 33 of file cSpinner.py.

6.3.3.6 cSpinner.cSpinner::paused = False; [static]

Definition at line 14 of file cSpinner.py.

The documentation for this class was generated from the following file:

- cSpinner.py

Chapter 7

File Documentation

7.1 alpha_shape/main.cpp File Reference

```
#include <CGAL/Exact_predicates_inexact_constructions_kernel.h> #include <CGAL/Exact_predicates_exact_constructions_kernel.h> #include <CGAL/algorithm.h> #include <CGAL/Delaunay_triangulation_2.h> #include <CGAL/Alpha_shape_2.h> #include <CGAL/Boolean_set_operations_2.h> #include <iostream> #include <fstream> #include <vector> #include <list>
```

Typedefs

- typedef CGAL::Exact_predicates_exact_constructions_kernel K
- typedef K::FT FT
- typedef K::Point_2 Point
- typedef K::Segment_2 Segment
- typedef CGAL::Polygon_2< K > Polygon_2
- typedef CGAL::Alpha_shape_vertex_base_2 < K > Vb
- typedef CGAL::Alpha_shape_face_base_2 < K > Fb
- typedef CGAL::Triangulation_data_structure_2 < Vb, Fb > Tds
- typedef CGAL::Delaunay_triangulation_2 < K, Tds > Triangulation_2
- typedef CGAL::Alpha_shape_2 < Triangulation_2 > Alpha_shape_2
- typedef Alpha_shape_2::Face Face
- typedef Alpha_shape_2::Vertex Vertex
- typedef Alpha_shape_2::Edge Edge
- typedef Alpha_shape_2::Face_handle Face_handle
- typedef Alpha_shape_2::Vertex_handle Vertex_handle
- typedef Alpha_shape_2::Face_circulator Face_circulator
- typedef Alpha_shape_2::Vertex_circulator Vertex_circulator
- typedef Alpha_shape_2::Locate_type Locate_type
- typedef Alpha_shape_2::Face_iterator Face_iterator

- typedef Alpha_shape_2::Vertex_iterator Vertex_iterator
- typedef Alpha_shape_2::Edge_iterator Edge_iterator
- typedef Alpha_shape_2::Edge_circulator Edge_circulator
- typedef Alpha_shape_2::Alpha_iterator Alpha_iterator
- typedef Alpha_shape_2::Alpha_shape_edges_iterator Alpha_shape_edges_iterator
- typedef Alpha_shape_2::Alpha_shape_vertices_iterator Alpha_shape_vertices_iterator

Functions

- template<class OutputIterator >
  void alpha_edges (const Alpha_shape_2 &A, OutputIterator out)
- template<class OutputIterator >
  void alpha_vertices (const Alpha_shape_2 &A, OutputIterator out)
- template<class OutputIterator >
  bool file_input (OutputIterator out, char *filename)
- bool check_inside (Point pt, Polygon_2 pgn, K traits)
- bool is_inside (Polygon_2 plg1, Polygon_2 plg2)
- void print_WKT_polygon_2 (Polygon_2 plg)

  Prints a polygon in its WKT form (p1,p2,p3,....)
- void segments_to_polygons (std::vector< Segment > segments, std::vector< Polygon_2 > &polygons)

  Generates a vector of polygons from a vector of segments.
- void print_help ()
- void toWKT_polygons (std::vector< Polygon_2 > polygons)
- void toWKT_segments (std::vector< Segment > segments)
- void toWKT_vertices (std::vector< Vertex_handle > segments)
- int main (int argc, char *argv[ ])

7.1.1 Typedef Documentation

7.1.1.1 typedef Alpha_shape_2::Alpha_iterator Alpha_iterator

Definition at line 55 of file main.cpp.

7.1.1.2 typedef CGAL::Alpha_shape_2<Triangulation_2> Alpha_shape_2

Definition at line 37 of file main.cpp.

7.1.1.3 typedef Alpha_shape_2::Alpha_shape_edges_iterator Alpha_shape_edges_iterator

Definition at line 56 of file main.cpp.

7.1.1.4 typedef Alpha_shape_2::Alpha_shape_vertices_iterator Alpha_shape_vertices_iterator

Definition at line 57 of file main.cpp.

7.1.1.5 typedef Alpha_shape_2::Edge Edge

Definition at line 41 of file main.cpp.

7.1.1.6 typedef Alpha_shape_2::Edge_circulator Edge_circulator

Definition at line 53 of file main.cpp.

7.1.1.7 typedef Alpha_shape_2::Edge_iterator Edge_iterator

Definition at line 52 of file main.cpp.

7.1.1.8 typedef Alpha_shape_2::Face Face

Definition at line 39 of file main.cpp.

7.1.1.9 typedef Alpha_shape_2::Face_circulator Face_circulator

Definition at line 45 of file main.cpp.

7.1.1.10 typedef Alpha_shape_2::Face_handle Face_handle

Definition at line 42 of file main.cpp.

7.1.1.11 typedef Alpha_shape_2::Face_iterator Face_iterator

Definition at line 50 of file main.cpp.

7.1.1.12 typedef CGAL::Alpha_shape_face_base_2<K> Fb

Definition at line 33 of file main.cpp.

7.1.1.13 typedef K::FT FT

Definition at line 26 of file main.cpp.

7.1.1.14 typedef CGAL::Exact_predicates_exact_constructions_kernel K

Definition at line 24 of file main.cpp.

7.1.1.15 typedef Alpha_shape_2::Locate_type Locate_type

Definition at line 48 of file main.cpp.

7.1.1.16 typedef K::Point_2 Point

Definition at line 28 of file main.cpp.

7.1.1.17 typedef CGAL::Polygon_2<K> Polygon_2

Definition at line 30 of file main.cpp.

7.1.1.18 typedef K::Segment_2 Segment

Definition at line 29 of file main.cpp.

7.1.1.19 typedef CGAL::Triangulation_data_structure_2<Vb,Fb> Tds

Definition at line 34 of file main.cpp.

7.1.1.20 typedef CGAL::Delaunay_triangulation_2<K,Tds> Triangulation_2

Definition at line 35 of file main.cpp.

7.1.1.21 typedef CGAL::Alpha_shape_vertex_base_2<K> Vb

Definition at line 32 of file main.cpp.

7.1.1.22 typedef Alpha_shape_2::Vertex Vertex

Definition at line 40 of file main.cpp.

7.1.1.23 typedef Alpha_shape_2::Vertex_circulator Vertex_circulator

Definition at line 46 of file main.cpp.

7.1.1.24 typedef **Alpha_shape_2::Vertex_handle Vertex_handle**

Definition at line 43 of file main.cpp.

7.1.1.25 typedef **Alpha_shape_2::Vertex_iterator Vertex_iterator**

Definition at line 51 of file main.cpp.

7.1.2 Function Documentation

7.1.2.1 template<class OutputIterator > void **alpha_edges** (const **Alpha_shape_2** & *A*, OutputIterator *out*)

Definition at line 63 of file main.cpp.

7.1.2.2 template<class OutputIterator > void **alpha_vertices** (const **Alpha_shape_2** & *A*, OutputIterator *out*)

Definition at line 76 of file main.cpp.

7.1.2.3 bool **check_inside** (**Point** *pt*, **Polygon_2** *pgn*, **K** *traits*)

Definition at line 108 of file main.cpp.

7.1.2.4 template<class OutputIterator > bool **file_input** (OutputIterator *out*, char * *filename*)

Definition at line 89 of file main.cpp.

7.1.2.5 bool **is_inside** (**Polygon_2** *plg1*, **Polygon_2** *plg2*)

Checks if plg2 is inside plg1

Definition at line 127 of file main.cpp.

7.1.2.6 int **main** (int *argc*, char * *argv[]*)

Definition at line 305 of file main.cpp.

7.1.2.7 void **print_help** ( )

Definition at line 225 of file main.cpp.

7.1.2.8 void print_WKT_polygon_2 (Polygon_2 *plg*)

Prints a polygon in its WKT form (p1,p2,p3,....)

Note

Does not add POLYGON text. It is used inside other printing functions

Definition at line 145 of file main.cpp.

7.1.2.9 void segments_to_polygons (std::vector< Segment > *segments,* std::vector< Polygon_2 > & *polygons*)

Generates a vector of polygons from a vector of segments.

First separes the segments in different adjacent groups (that would be the polygons). Then generates a polygon from each of the lists

Parameters

segments	an std::vector<Segment> with CGAL segment_2
&polygons	INOUT A std::vector<Polygon_2> with CGAL Polygon_2

Definition at line 166 of file main.cpp.

7.1.2.10 void toWKT_polygons (std::vector< Polygon_2 > *polygons*)

Prints a WKT version of the polygons to stdout

NOTE: if a polygon is inside another polygon is treated as a hole

Definition at line 242 of file main.cpp.

7.1.2.11 void toWKT_segments (std::vector< Segment > *segments*)

Prints a csv list of the Alpha shape segments

Definition at line 280 of file main.cpp.

7.1.2.12 void toWKT_vertices (std::vector< Vertex_handle > *segments*)

Definition at line 292 of file main.cpp.

7.2 cPlace.py File Reference

Classes

- class cPlace::cPlace

  Class containing information of a place.

Packages

- namespace cPlace

7.3 cReport.py File Reference

Classes

- class cReport.cReport

  Report printing class.

Packages

- namespace cReport

7.4 cSpinner.py File Reference

Classes

- class cSpinner.cSpinner

  Print information in the same line, giving feedback to the user.

Packages

- namespace cSpinner

7.5 geom_functions.py File Reference

Packages

- namespace geom_functions

Functions

- def geom_functions.convex_hull

  Generates the convex hull of a latlon list of tuples [(lat0,lon0),(lat1,lon1),...(latN,lonN)].
- def geom_functions.alpha_shape

  External system execution of alpha_shaper to generate a WKT alpha shape file.

7.6 vagueplaces.py File Reference

Packages

- namespace vagueplaces

Functions

- def vagueplaces.european_countries

  Retrieve an europe country list from DBpedia with URIs.
- def vagueplaces.get_points

  Retrieve a list of points from DBpedia matching the input.
- def vagueplaces.gen_heatmap
- def vagueplaces.gen_convex_hull

  Generate the convex hull for the report.
- def vagueplaces.gen_alpha_shape

  External system execution of alpha_shaper to generate a WKT alpha shape file.
- def vagueplaces.finish_program
- def vagueplaces.write_file_cgal

  Writes a file to be read by cgal alpha_shape generator.
- def vagueplaces.write_file_csv

  Writes a CSV file to be opened by a GIS software.
- def vagueplaces.write_file

  Write a file (fileh) with the format (wf).
- def vagueplaces.kill_handler

Variables

- tuple vagueplaces.parser = argparse.ArgumentParser(description='CSV generation with name;point;country querying dbpedia')
- string vagueplaces.help = 'List of keywords to filter from the Abstract results. - Interpreted as Logical disjunction'
- string vagueplaces.dest = 'live_bool'
- tuple vagueplaces.arguments = parser.parse_args()
- vagueplaces.query_list = arguments.stringval
- vagueplaces.OF = arguments.CSV_POINT_OUTPUT

- vagueplaces.alpha = arguments.floatval
- vagueplaces.isdebug = arguments.debug_bool
- vagueplaces.islive = arguments.live_bool
- int vagueplaces.RESULTS_QUERY = 500000
- list vagueplaces.PLACES = [ ]
- tuple vagueplaces.sparql = SPARQLWrapper("http://dbpedia-live.openlinksw.com/sparql")
- tuple vagueplaces.S = cSpinner.cSpinner()
- tuple vagueplaces.REPORT = cReport.cReport()
- list vagueplaces.country_uri = country["place"]
- tuple vagueplaces.country_name = country_uri.rpartition('/')
- int vagueplaces.total_results = 0
- int vagueplaces.offset = 0
- int vagueplaces.query_results = 1
- tuple vagueplaces.country_results = get_points(country_uri,query_list,offset,RESULTS_QUERY)
- list vagueplaces.title = result["title"]
- list vagueplaces.lat = result["geolat"]
- list vagueplaces.lon = result["geolong"]
- vagueplaces.country = country_name
- string vagueplaces.abstract = ""
- tuple vagueplaces.tmpfile = tempfile.NamedTemporaryFile(prefix='vagueplace',delete=False)